240-3123 GUN ADD ON KIT
INSTALLATION INSTRUCTIONS
In this part sheet, the words **WARNING**, **CAUTION** and **NOTE** are used to emphasize important safety information as follows:

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**WARNING**

Hazes or unsafe practices which could result in severe personal injury, death or substantial property damage.

**CAUTION**

Hazes or unsafe practices which could result in minor personal injury, product or property damage.

**NOTE**

Important installation, operation or maintenance information.

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**WARNING**

Read the following warnings before using this equipment.

**READ THE MANUAL**

Before operating finishing equipment, read and understand all safety, operation and maintenance information provided in the operation manual.

**OPERATOR TRAINING**

All personnel must be trained before operating finishing equipment.

**EQUIPMENT MISUSE HAZARD**

Equipment misuse can cause the equipment to rupture, malfunction, or start unexpectedly and result in serious injury.

**LOCK OUT / TAG-OUT**

Failure to de-energize, disconnect, lock out and tag-out all power sources before performing equipment maintenance could cause serious injury or death.

**AUTOMATIC EQUIPMENT**

Automatic equipment may start suddenly without warning.

**PRESSURE RELIEF PROCEDURE**

Always follow the pressure relief procedure in the equipment instruction manual.

**KEEP EQUIPMENT GUARDS IN PLACE**

Do not operate the equipment if the safety devices have been removed.

**KNOW WHERE AND HOW TO SHUT OFF THE EQUIPMENT IN CASE OF AN EMERGENCY**

**WEAR SAFETY GLASSES**

Failure to wear safety glasses with side shields could result in serious eye injury or blindness.

**INSPECT THE EQUIPMENT DAILY**

Inspect the equipment for worn or broken parts on a daily basis. Do not operate the equipment if you are uncertain about its condition.

**NEVER MODIFY THE EQUIPMENT**

Do not modify the equipment unless the manufacturer provides written approval.

**NOISE HAZARD**

You may be injured by loud noise. Hearing protection may be required when using this equipment.

**PROJECTILE HAZARD**

You may be injured by venting liquids or gases that are released under pressure, or flying debris.

**STATIC CHARGE**

Fluid may develop a static charge that must be dissipated through proper grounding of the equipment, objects to be sprayed and all other electrically conductive objects in the dispensing area. Improper grounding or sparks can cause a hazardous condition and result in fire, explosion or electric shock and other serious injury.

**ELECTRIC SHOCK / GROUNDING**

Improper grounding or sparks can cause a hazardous condition and result in fire, explosion or electric shock and other serious injury.

**PINCH POINT HAZARD**

Moving parts can crush and cut. Pinch points are basically any areas where there are moving parts.

**HIGH PRESSURE CONSIDERATION**

High pressure can cause serious injury. Relieve all pressure before servicing. Spray from the spray gun, hose leaks, or ruptured components can inject fluid into your body and cause extremely serious injury.

**WEAR RESPIRATOR**

Toxic fumes can cause serious injury or death if inhaled. Wear a respirator as recommended by the fluid and solvent manufacturer's Material Safety Data Sheet.

**TOXIC FLUID & FUMES**

Hazardous fluid or toxic fumes can cause serious injury or death if splashed in the eyes or on the skin, inhaled, injected or swallowed. LEARN and KNOW the specific hazards or the fluids you are using.

**KEEP EQUIPMENT GUARDS IN PLACE**

Do not operate the equipment if the safety devices have been removed.

**PLURAL COMPONENT MATERIALS HAZARD**

Because of the vast number of chemicals that could be used and their varying chemical reactions, the buyer and user of this equipment must determine all facts relating to the materials used, including any of the potential hazards involved.

**EXPLOSION HAZARD**

Halogenated hydrocarbon solvents can cause an explosion when in contact with aluminum components of a pressurized or closed fluid system.

**FIRE AND EXPLOSION HAZARD**

Improper equipment grounding, poor ventilation, open flame or sparks can cause a hazardous condition and result in fire or explosion and serious injury.

**PROP 65 WARNING**

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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*IT IS THE RESPONSIBILITY OF THE EMPLOYER TO PROVIDE THIS INFORMATION TO THE OPERATOR OF THE EQUIPMENT. FOR FURTHER SAFETY INFORMATION REGARDING THIS EQUIPMENT, SEE THE GENERAL EQUIPMENT SAFETY BOOKLET (77-5300).*

Binks reserves the right to modify equipment specification without prior notice.

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Gun Add On Kit

Second spray gun capability may be easily added to one-gun systems. The software for 2-gun operation is already in place. Changing the software configuration and installing this kit will allow use of a 2nd gun. When enabled, the system will track pot life, trigger time, and average flow for each gun.

Gun flush boxes (240-3119) may also be installed, and they will individually flush and change color for each gun automatically.

⚠️ CAUTION

The second gun capability must be enabled in the system configuration, accessible only by distributor. Contact distributor for installation and proper kit functionality.

Installation

To install the gun add-on kit, be sure to first depressurize the GEMS system and disconnect electric power. For more information regarding this procedure, see 1.1: System Depressurization Procedure of the Maintenance and Repair Manual 77-2983. Never attempt to touch any electrical componentry when power is supplied.

Remove the black plastic plugs from the Gun 2 holes on the side of the electrical enclosure as shown at right. Use the included NPS nuts to install the new Air Flow Switch in the Gun 2 location. Tighten NPS nuts with a 11/16” socket to 8~9 ft-lbs [11~12 Nm].

Kit Contents

<table>
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<tr>
<th>Part Number</th>
<th>Description</th>
<th>Qty.</th>
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<td>13742-02</td>
<td>Air Flow Switch</td>
<td>1</td>
</tr>
<tr>
<td>240-3005-211</td>
<td>#211 Wire</td>
<td>1</td>
</tr>
<tr>
<td>240-3005-307</td>
<td>#307 Wire</td>
<td>1</td>
</tr>
<tr>
<td>LSFA0008-00</td>
<td>Nut, 1/4-18 NPS</td>
<td>2</td>
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</table>
Route the wiring through the wire tray and connect the corresponding wire; blue wire #307 connects into the board input terminal location L3B8 (input 7). Tighten the terminal screw so that the wire will not slip out once installed. This is the signal wire to the controller. The other end of the blue wire (ring terminal) should connect to the right stud (as viewed from the inside of the enclosure) on the new switch. Tighten the nut on the stud so the wire will not move.

Connect new black wire #211 to the left stud of airflow switch 1 (which has black wire #210 on it) to the left stud of the new airflow switch and tighten the nut so it will not move. This wire provides power to the switch.

The second gun must be enabled in the system configuration, accessible only by distributor. **Contact distributor for installation and proper kit functionality.** Once installed and configured, items like the Air Cut Off kit (see right) or Gun Flush Boxes may be added and used with both guns.
Power on the system and connect regulated atomizing air to the 1/4” NPS inlet (bottom), and spray gun air hose to the top of the air flow switch. Verify proper operation of the switch by triggering the gun. A green LED on the board (below wire #307) should illuminate when Gun 2 air is triggered.
WARRANTY POLICY

Binks products are covered by Finishing Brands one year materials and workmanship limited warranty. The use of any parts or accessories, from a source other than Finishing Brands, will void all warranties. For specific warranty information please contact the closest Finishing Brands location listed below.

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